

# FWA Federal Facility Agreement Meeting

## Time-Critical Removal Action - Tanana River OB/OD Site Status and Proposed Actions

11 February 2016

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***Deliver environmental services and solutions in support of the Army's Environmental Program enabling Army readiness and sustainability***

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***Our vision:*** *Be an innovative, value-added, customer-focused partner, providing environmental services and solutions to the Army through expertise, communication, and partnering.*

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# Outline



I. Tanana River OB/OD Site Sep 2015;  
Time Critical Removal Action Summary

II. Status of Tanana River OB/OD Site

III. Proposed Work Schedule

IV. Sampling & Analysis Work Plan

V. Questions/Comments



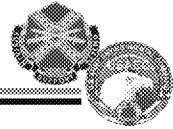
# Tanana River OB/OD Site

## I. Time-Critical Removal Action Summary

August 2015 – January 2016



# Actions to Date 2015/2016



- 19 Feb 15 – CRREL conducted initial geophysical survey
- 21 Aug 15 – Dep to GC approves TCRA MFR
- 23 Aug 15 – Balt Dist COE begins site clean-up
- 29 Sep 15 – EPA and ADEC conduct Site Visit and Balt Dist COE completes site stabilization efforts.
- 30 Sep 15 – Balt Dist COE DeMob from Site
- Salcha Delta begins monthly site inspections
- FWA Range Control and Physical Security resume normal inspections
- 15 Jan 16 – CRREL conducts geophysical survey of river



## Balt. Dist COE Actions 2015

- Removed and recycled approx. 319,000 lbs of scrap and Munitions Debris
- Removed and containerized approx. 5,600 50 cal bullets
- Removed and witnessed FWA EOD destroy 68 Munitions or Explosives of Concern (MEC)
- Removed and Witnessed FWA EOD destroy 84 Munitions Potentially Posing an Explosive Hazard (MPPEH)



Removing scrap from the surface





THE SITE!!! From the top of stockpile #2





John Day in front of "Day Mountain"



EPA site visit





Placing sandbags on the plastic covering stockpile



Driving post to put up fence around site and stockpile



# Tanana River OB/OD Site

## II. Status of Site today

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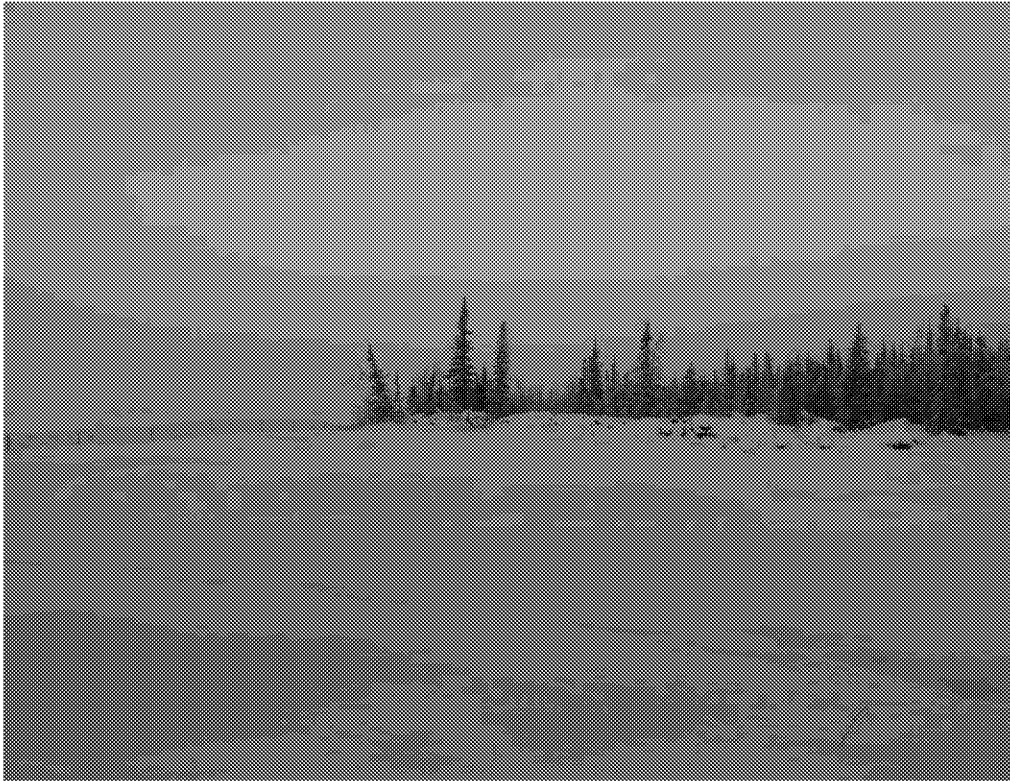


## Salcha Delta Site Inspection/ CRREL Survey

- Range Control and DES conduct periodic inspections; no site disturbance noted
- Salcha-Delta has been conducting monthly site inspections; no site disturbance noted
- CRREL conducted geophysical survey Jan 2016
- Some metal left in River Bed



Tanana River OB CD Site looking East



Yanana River CB/OD Site looking West



Tanana River OB CO Site looking East

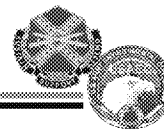


Tariana River OB OD Site before CRREL looking West



Tanana River OB OD Site after CRREL looking West





# Tanana River OB/OD Site

## III. Proposed Work / Schedule

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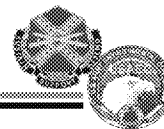
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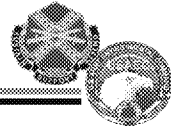
## Immediate Actions Required



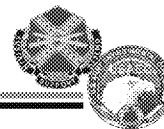
- MI Sampling & Analysis Work Plan / ASAP
  - Schedule Comment Resolution
  - What data do we need to conclude the TCRA ?
  - Define type of final report
- Discuss schedule of future TCRA actions
  - Remove metal from River Bed
  - Process leftover materials from 2015
  - Process River Bed material
  - Complete removal actions for burial areas
  - Conduct final confirmation geophysical survey
  - Conduct Sampling & Analysis
  - Submit TCRA After Action Report to EPA & ADEC
  - Submit TCRA After Action Report for Public Comment



## Proposed Future Work Schedule



- Balt Dist COE to return to site 14 March 2016 to conduct metal removal from River Bed; stage material inland; 1 week then demob
- Balt Dist COE to return to site in May/Jun (weather dependent) to process left over 2015 soil and river bed material; 4-6 weeks
- CRREL verify no anomalies indicating buried MEC; survey when Balt Dist claims areas complete; demob when complete
- FES Conduct MI Sampling, install and sample temp MWs, discrete samples of sediment and surface water (river); 3 weeks, demob
- Provide data report; 60 days
- Provide copy TCRA After-Action Report; 90 days after data validation
- Site Status /Determination; NFA or CSM
- TCRA After Action Report out for Public Review/ Comment; 30 day

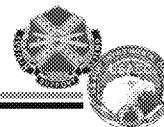


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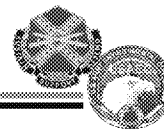
## IV. TCRA Sampling & Analysis Work Plan



## RCRA/CERCLA Integration *(con't)*

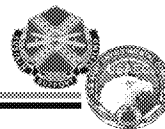


- The Army requests: (1) the work conducted under the EPA and ADEC approved Confirmation Geophysical Survey Work Plan and the to-be-approved Sampling and Analysis Work Plan be deemed the equivalent of an RFI and be integrated into the RCRA process; (2) the EPA to identify what additional information/work will need to be incorporated into the CERCLA - TCRA Work Plans to avoid potentially duplicative work under an RFI; *and* (3) the EPA to notify the Army how the TCRA work will be integrated into the RCRA Program.
  - Goal is that the documents developed under CERCLA should be sufficient for either (a) a determination of No Further Action (NFA), or (b) the basis for a requirement of a CMS.
  - If the results of approved geophysical and sampling and analysis work plans cannot be used to support an NFA determination, or as the basis for a CMS, the Army will not conduct sampling and analysis work under the TCRA, so as to avoid waste of resources (time & taxpayer money) which would result if EPA requires separate RFI.



## Tanana River OB/OD Site

- Army believes that the TCRA, Geophysical Survey plan, MI Sampling & Analysis, and After Action Report will provide sufficient data for decision by Army, EPA, and ADEC
- If EPA agrees that Army can complete action under CERCLA
  - Army will proceed to conduct MI Sampling & Analyses
  - Create add'l Decision Units to cover dig areas and surrounding areas
- If soil samples indicate contamination, install and sample temporary GW MWs
- Discrete samples; sediment and surface water (river)
- If EPA does not commit to include site into CERCLA/FFA
  - Army will complete TCRA process w/o sampling plan
  - Army will submit sampling as part of RCRA RFI WP



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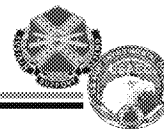
**QUESTIONS / COMMENTS ?**

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# END OF PRESENTATION

## INSTALLATION MANAGEMENT COMMAND



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